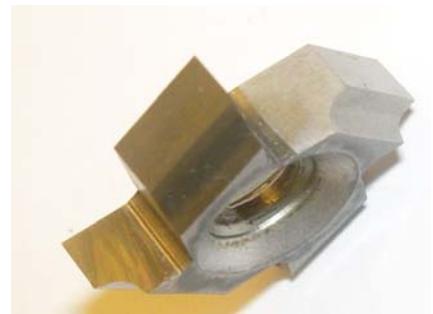


Woodworking insert Ø23 Z4

A09-950

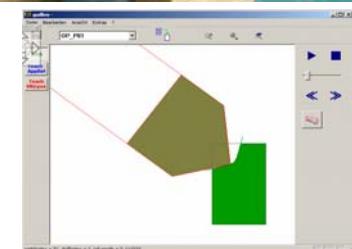
Thanks to the TTC system this insert is ground automatically in one clamping. The use of a biconical grinding wheel for the VSW profil grinding in QUINTO allows to cover all the grinding tasks for concave radius and very short production time. The two faces are dressed easily by oscillating on an corund wheel the ensure high precision for very long time.



1. Cycletime for Production

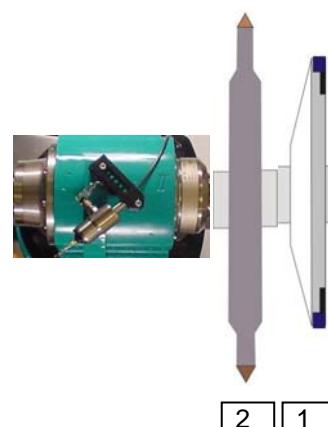
Workpiece: Ø 23 mm, Z 4, L 6 mm, R1.5 Material CARBIDE				
Operations	Palpage	Coupe	Dos droit	Rayon
Feed [mm/Min]	2000	400	400	300
Power [kW]		4	1	1
Cutting feed [m/s]		22	22	22
Used wheels		1	1	2
Grinding time [s]	10	32	32	68
Total cycle time	2 Min 33			

The cycle times are indicative. Material to be ground, grinding wheels, coolants can influence the cycle times considerably.



2. Used Grinding Wheels

1	12C9 Ø300 D64C125
2	14V1 Ø300 D64V110°



2 1

3. Machine and Software Requirements

Machines: 5 axes CNC grinders : SIRIUS HPM Coolant: Synthetic Oil, pressure 6 bar

Control: Fanuc 160i

Software: Quinto 5

Accessories: STL6050, Dressing unit

Responsible engineer: OP 10.7.09

www.schneeberger.ch

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